

**SECRET**~~SECRET~~  
604  
74PSG/AID-273/70  
15 September 1970

MEMORANDUM FOR: Executive Director, NPIC

THROUGH: Chief, Production Services Group, NPIC

SUBJECT: Integrated Information System Progress Report  
No. 12, June - August 1970

## HIGHLIGHTS

Although we have made solid progress, the IIS is behind schedule. How far behind is critically dependent on progress in the next one to three weeks.

In spite of this statement, the IIS can go operational on 1 October as planned, but in a degraded mode and with a compression in planned testing of the system. That means gambling that, in October, (1) no new major difficulties will be found, (2) the system will keep up with the load and response times will be adequate, and (3) IEG will accept less desirable interim target prediction lists and presentation sheets. I do not recommend this.

JTH  
OK'd (

I propose that, on 24 September, I meet with the Chiefs of IEG and PSG to review the detailed evaluation, as of that date, of the items which remain undone, how much longer they require, and how we can get along without them -- or with substitutes. We would then present our decision to you.

Formal training has been completed on schedule and all manuals have been distributed.

## HARDWARE

All hardware is on hand and has been tested. Installation is behind schedule because of the renovations in the IEG area. Terminals are being installed as each room is wired. September 15 is the earliest date the installation will be completed and it would appear that some terminals may not be in place by 1 October. I will report further if this becomes critical.

**SECRET**

GROUP 1 Excluded from automatic downgrading and declassification
---------------------------------------------------------------------------

**SECRET**

SUBJECT: Integrated Information System Progress Report  
No. 12, June - August 1970

SOFTWARE

There are two critical programming areas:

(1) Report Generator Program:

This program has undergone major revision. Many of its basic functions are operational and we are producing reports. However, several capabilities which are essential to the production of predicted target lists and presentation sheets are not yet debugged. With luck, we will complete this work by 1 October.

(2) ASSIGN Program:

When it became evident that the initial version of RPG would be unable to perform certain record selection functions, we shifted these functions to the ASSIGN Program. This required substantial revision of the program. It will be completed on or shortly after 1 October. Although the original ASSIGN Program can still be used, its lack of the record selection capability means longer presentation sheets containing unwanted detail.

The other critical factor is program testing. Delay in completion of programs has caused some overlap of all test phases: Category I (testing an individual program), Category II (testing groups of programs), and Category III (full system test and parallel operation with the present system). Category I and II tests will be completed by or shortly after 1 October and Category III tests clearly will not. To go operational by 1 October will curtail Category III by over 50 percent. We will have limited knowledge of how output-bound the system can be and of the effect of saturation on the system. Until these things are adequately tested, there is a risk of delay when overload is encountered but, more important, there is a risk of unsatisfactory response times.

These areas are on schedule or nearly so:

Data Entry  
Verify, Edit & Approve  
Operational Support (except for the ASSIGN Program which has been discussed)

**SECRET**

**SECRET**

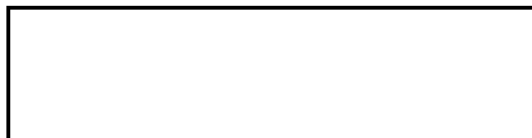
SUBJECT: Integrated Information System Progress Report  
No. 12, June - August 1970

Automatic Update  
Periodic Update  
On Line Update  
File Conversion  
PIRL Query  
Presentation Language Program  
Test Plans, all Categories

#### TRAINING

On schedule. All manuals have been published and distributed and all formal training has been completed.


A total of 72 classroom hours of instruction were given to supervisors and 160 to workers. A memorandum on training attendance was sent to all concerned on 4 September (PSG/AID-250/70).



25X1

Chief, Automated Information Division  
PSG/NPIC

#### Distribution:

Orig & 1 - Addressee  
1 - NPIC/PPBS  
1 - NPIC/PSG  
1 - NPIC/IEG  
1 - NPIC/TSG  
2 - NPIC/PSG/AID  
1 - NPIC/PSG/AID Branch Chiefs  
1 - NPIC/PSG/AID/SIS/  
1 - NPIC/PSG/AID/SIS Files  
1 - IIS File

25X1

**SECRET**